



## Understanding Flood Hazards: A Case Study of Yuba County California

**Status:**

In Progress

**IWR Contact:**

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**Purpose:**

As part of its Emergency Management and Flood Damage Reduction Programs, the Corps is charged with reducing flood hazards to the nation through construction of structural and non-structural projects and administration of the Rehabilitation and Inspection program. Additionally, through the Flood Plain Management Assistance Program, the Corps provides technical assistance to states and local communities in developing flood hazard reduction strategies. A number of factors contribute to the level of flood hazards present in a floodplain, including hydraulic conditions, the performance of existing flood control structures, and socioeconomic, institutional and policy incentives influencing land use decisions.

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**Objective:**

To conduct a historical examination of socioeconomic, institutional and policy factors contributing to flood-related hazards and liabilities experienced in Yuba County, including the 1986 Linda Levee break. Future options for reducing flood hazards will be considered, based on the findings of this historical analysis.

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**Benefits:**

Improved, watershed-based flood hazard management and planning and a better understanding of how such factors affect the outcome of flood hazard reduction efforts will contribute to the Corps ability to cost-effectively accomplish its flood hazard reduction charge.

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**Progress:**

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